**Hewlett - Packard Company**
Legal Department, M/S 35
Intellectual Property Administration
P. O. Box 272400
Fort Collins, CO 80527-2400

**PATENT APPLICATION**
**ATTORNEY DOCKET NO. 200208459-1**

**RESPONSE/AMENDMENT dated January 9, 2007**

**OFFICIAL**

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|---|---|---|---|
| Appl. No. | : | 10/682,344 | Confirmation No. 8796 |
| Applicant | : | Randy K. Rannow et al. | |
| Filed | : | Oct. 09, 2003 | |
| TC/A.U. | : | 2800/2829 | |
| Examiner | : | Ernest F. Karlsen | |
| Docket No. | : | 200208459-1 | |
| Customer No. | : | 022879 | |
| Title | : | Multiplexed Dual-Purpose Magnetoresistive Sensor and Method of Measuring Current and Temperature | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE/AMENDMENT

Sir:

In response to the Office Action of October 16, 2006, please amend the above-identified application as follows.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

A Certificate of Mailing or Transmission is provided on the last page of this document and pertains to this document and any attachments hereto.